

Application Data Sheet**Application Information**

Application Type:: Regular  
Subject Matter:: National Phase  
Suggested Group Art Unit:: N/A  
CD-ROM or CD-R?:: None  
Sequence submission?:: None  
Computer Readable Form (CRF)?:: No  
Title:: NOVEL CAROTENOID HYDROXYLASE  
GENE, METHOD FOR PREPARING  
HYDROXYLATED CAROTENOID, AND  
NOVEL GERANYLGERANYL  
PYROPHOSHATE SYNTHASE  
Attorney Docket Number:: 3749-0111PUS1  
Request for Early Publication?:: No  
Request for Non-Publication?:: No  
Total Drawing Sheets:: 10  
Small Entity?:: No  
Petition included?:: No  
Secrecy Order in Parent Appl.?:: No

**Applicant Information**

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Yasuhiro  
Family Name:: NISHIDA  
City of Residence:: Akashi-shi

Country of Residence:: Japan  
Street of mailing address:: 15-10, Ohkuradanioku  
City of mailing address:: Akashi-shi  
State or Province of mailing address:: Hyogo  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 673-0867

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Kyoko  
Family Name:: ADACHI  
City of Residence:: Kamaishi-shi  
Country of Residence:: Japan  
Street of mailing address:: c/o Marine Biotechnology Institute Co., Ltd.  
3-75-1, Heita  
City of mailing address:: Kamaishi-shi  
State or Province of mailing address:: Iwate  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 026-0001

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Hiroaki  
Family Name:: KASAI  
City of Residence:: Kamaishi-shi  
Country of Residence:: Japan  
Street of mailing address:: c/o Marine Biotechnology Institute Co., Ltd.

3-75-1, Heita  
City of mailing address:: Kamaishi-shi  
State or Province of mailing address:: Iwate  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 026-0001

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Yoshikazu  
Family Name:: SHIZURI  
City of Residence:: Kamaishi-shi  
Country of Residence:: Japan  
Street of mailing address:: c/o Marine Biotechnology Institute Co., Ltd.  
3-75-1, Heita  
City of mailing address:: Kamaishi-shi  
State or Province of mailing address:: Iwate  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 026-0001

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Sadao  
Family Name:: KOMEMUSHI  
City of Residence:: Kamaishi-shi  
Country of Residence:: Japan  
Street of mailing address:: c/o Marine Biotechnology Institute Co., Ltd.  
3-75-1, Heita

City of mailing address:: Kamaishi-shi  
State or Province of mailing address:: Iwate  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 026-0001

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Norihiko  
Family Name:: MISAWA  
City of Residence:: Kamaishi-shi  
Country of Residence:: Japan  
Street of mailing address:: c/o Marine Biotechnology Institute Co., Ltd.  
3-75-1, Heita  
City of mailing address:: Kamaishi-shi  
State or Province of mailing address:: Iwate  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 026-0001

### **Correspondence Information**

Correspondence Customer Number:: 02292

### **Representative Information**

Representative Customer Number:: 02292

### **Domestic Priority Information**

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application is a	National Stage of	PCT/JP2004/016297	11/04/04

### Foreign Priority Information

Country::	Application number::	Filing Date::	Priority Claimed::
Japan	2003-388165	11/18/03	Yes
Japan	2004-165919	06/03/04	Yes

### Assignee Information

Assignee name:: Marine Biotechnology Institute Co., Ltd.  
Street of mailing address:: 3-75-1, Heita  
City of mailing address:: Kamaishi-shi  
State or Province of mailing address:: Iwate  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 026-0001